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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known					
Application Number	09/834,158				
Filing Date	April 12, 2001				
First Named Inventor	R. Freuler				
Group Art Unit	1751				
Examiner Name	Unknown				
Attorney Docket Number	POWRD-014B				

				U.S. PATENT DOCU	MENTS	
Examiner Initials	Cite No.1	U.S. Patent Docum Kind Number (if kn	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PW		2 799 793		D.I. Do Cain	07 16 1957	
adi		3.013.104		G.V. Young	12-12-1961	
20		3,249,680		A.R. Sheets et al.	05-02-1966	MEA
DOL		3,356,828		R.F. Furness	12-05-1967	
201		3,391,242		R.A. Sudges	07-02-1968	Mn -
<i>Qb</i> 1'		3,463,140		E.A. Rollor, Jr.	08-26-1969	1 1 2nns
Z		3,463,161		S. Andrassy	08-36-1969	2001
1244		3,467,547)	W. Harvey et al.	08-16-1969	LA TERRE
Ve/		34476, 177		F. Potzl	11-04-1969	4 200
M		3.586.102		R. Gilles	06-22-1971	
<i>V2</i> (1)		3.819.530		Ratledge et al	06-25-1874	
RAA		3.823.089		J. Ryan et al	07-09-1974	~~~
Atl		3.887.6283		Beckers	06-03-1975	.60
\mathcal{U}		3.972.821		Weidenbenner et al.	08-03-1976	
α		4.065.908		Mueller	01-03-1978	, , ,
		4.151.547		Rhoades et al.	04-24-1979	82
MOE.	,	4,237,086		Gehle	12-02-1980	07
COST		4,266,267		Ruegg	05-05-1981	/>
AM		4,299,715		Whitfield et al.	11-10-1981	00
CALL		4,466,483		Whitfield et al.	08-21-1984	

1		F	oreign Patent Docu	ment	REIGN PATENT DOCUMENT	Date of Publication of	Pages, Columns, Lines,	\Box	
xaminer nftiats	Cite No.1	Office ³	Number ⁴	Kind Code ^s (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	76	
			600,82	3	R. DeBuda	06-28-1960			
			1,086,00	3	W. Sinclair	10-25-1967			İ
			2,368,52	9	P. Blanie	10-20-1976			L
							PECE	\mathbf{M}	FI
							TILOL	1	
							:		14
							JUL 1 7	20	וו
							TECHNOLOGY C	181	a B
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Group Art Unit	1751				
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Attorney Docket Number	POWRD-0@4B				

	U.S. PATENT DOCUMENTS								
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	10		4.473.1	13	Whitfield et al.	08-25-1984			
	YAP\		4.489.4	87	Buran.	12-25-1984			
	170		4,139,0	51	Jones et al.	02-13-1979			
	Dei		5,060,1	14	Feinberg et al.	02=22-1991	MC(, HM, M)		
	PAL		5523750	86	Kruger et al	08-17-1993			
	Vá.		5 904 7	96	Freuler et al	05-18-1999	.1111 1 1 2004		
J	V/M		5,912,8	05	Freuker et also	<u>06_15_199</u> 9	222001		
	No_{2}		5,931,8		Linder	08-03-1999	TO A. MORE		
	2071		5,986,8	84	Jairazbhoy et al.	11-16-1999			
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							7- 820		
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INFORMATION DISCLOSURE				Filing Date	April 12, 2001
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•				Group Art Unit	1751
	(use as mar	y sheets	as necessary)	Examiner Name	Unknown U[] 1 2
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